

***Examiner's Amendments***

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

***Telephonic Interview Summary***

Authorization for this examiner's amendment was given in a telephone interview with Applicant's Attorney T. Ling Chwang on August 22, 2011.

***Amendments to the Claims***

In Claim 1 line 1, insert --interpenetrating polymer network of mono-dispersed-- after hydrogel.

In Claim 1 line 7, insert --mono-dispersed-- before nanoparticles.

In Claim 5 line 2, in Claim 18 line 2, and in Claim 32 line 2, delete "(Tg)" and insert --(Tg)-- in its place.

In claim 14 line 2, delete "form a total polymer having a concentration range" and insert --have a total polymer concentration in the range of-- in its place, and line 3 delete "in distilled water".

In Claim 15 line 1, delete "(IPN)" and insert --(IPN)-- in its place.

In Claim 15 step (b) line 2, delete "forming" and insert --to form-- in its place.

In Claim 15 step (d) line 5 insert --wherein the IPN nanoparticles are substantially free of a core-shell configuration-- after second polymer.

In Claim 23 line 4, delete "(SDS)" and insert --(SDS)-- in its place.

In Claim 29 line 2 delete "(IPN)" and insert --(IPN) of mono-dispersed-- in its place, and in line 3 (a) delete "a" and insert --an aqueous—in its place.

In Claim 29 step (c) line 2, delete "forming" and insert --to form-- in its place.

In Claim 29 step (c) line 5, delete " a shell and core polymer configuration" (duplicate).

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In Claim 35 line 2, delete "(EDAC)" and insert -(EDAC)- in its place.

In Claim 41 line 1, delete "(IPN)" and insert -(IPN) of mono-dispersed-- in its place.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KADE ARIANI whose telephone number is (571)272-6083. The examiner can normally be reached on IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Wityshyn can be reached on 571-2720926. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KADE ARIANI/  
Primary Examiner, Art Unit 1651